

MP0432

**A MECHANISM TO IMPROVE QUALITY OF CHANNEL ESTIMATES IN OFDM  
TRANSMISSIONS**

**ABSTRACT OF THE DISCLOSURE**

[0037] An OFDM (Orthogonal Frequency Division Multiplexing) system may utilize pilot symbol structures including two or more pilot symbols with pilot information on alternate tones. The pilot information in one symbol is transmitted on mirror tones in another of the symbols. The pilot symbol structure may include a copy of one of the pilot symbols to aid in frequency offset estimation.

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